

### **ABSTRACT**

A smoke exhauster includes a motor attached to a housing, and a fan device attached to the motor and to be driven by the motor.

The fan device including an upper plate, a lower plate having a bore,  
5 and a number of fan blades secured between the upper and the lower plates to form a chamber between the upper and the lower plates and to allow air to flow into the chamber of the fan device via the bore of the lower plate. Each of the fan blades includes a lower cut-off  
portion to allow the air to flow deeper into the chamber of the fan

10 device before contacting with or scooped by the fan blades.